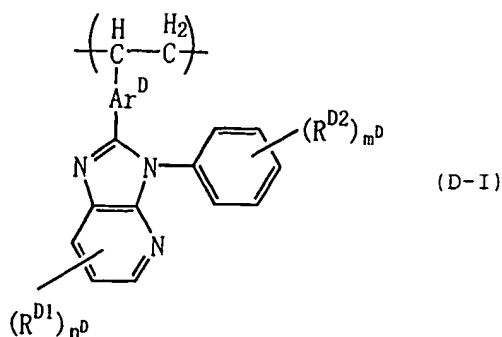


**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

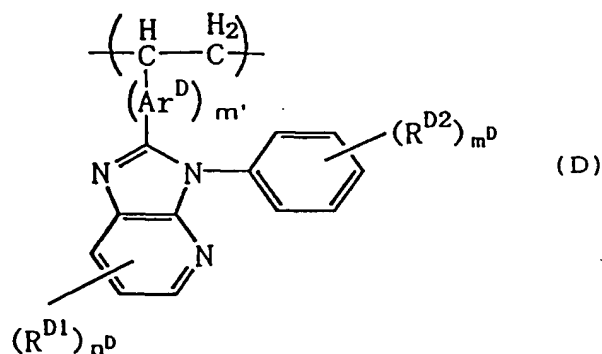
**LISTING OF CLAIMS:**

1. (canceled).
2. (previously presented): The light-emitting device according to claim 35, wherein the phosphorescent compound is an organic metal complex.
3. (original): The light-emitting device according to claim 2, wherein the organic metal complex is an ortho-metalated metal complex.
4. (canceled).
5. (original): A polymer comprising a repeating unit represented by formula (D-I):



wherein  $\text{Ar}^{\text{D}}$  represents an arylene group or a divalent heterocyclic group;  $\text{R}^{\text{D1}}$  and  $\text{R}^{\text{D2}}$  each independently represent a hydrogen atom or a substituent;  $n^{\text{D}}$  represents an integer of 0 to 3; and  $m^{\text{D}}$  represents an integer of 0 to 5.

6. (previously presented): A light-emitting device comprising at least one organic compound layer comprising a light-emitting layer between a pair of electrodes wherein the at least one organic compound layer comprises a heterocyclic compound comprising a repeating



unit represented by formula (D):

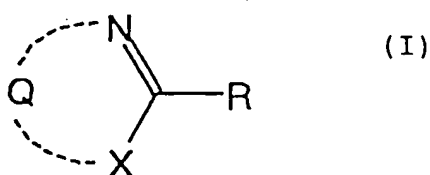
wherein  $Ar^D$  represents an arylene group or a divalent heterocyclic group;  $R^{D1}$  and  $R^{D2}$  each independently represent a hydrogen atom or a substituent;  $n^D$  represents an integer of 0 to 3;  $m^D$  represents an integer of 0 to 5; and  $m'$  represents 0 or 1.

7. (original): The light-emitting device according to claim 6, wherein the substituent is a group selected from the group consisting of an alkyl group, an alkenyl group, an alkynyl group, an aryl group, an alkoxy group, an aryloxy group, an acyl group, a halogen atom, a cyano group, a heterocyclic group, and a silyl group.

8. (canceled).

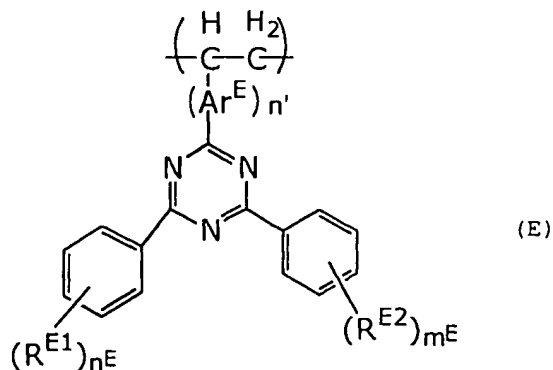
9. (previously presented): A light-emitting device comprising:

at least one organic compound layer comprising a light-emitting layer between a pair of electrodes, wherein the at least one organic compound layers comprise a heterocyclic compound having at least two hetero atoms and a phosphorescent compound, and wherein the heterocyclic compound is represented by formula (I):



wherein R represents a hydrogen atom or a substituent; X represents =N- or =N-R<sup>a</sup>; R<sup>a</sup> represents a hydrogen atom, an aliphatic hydrogen group, an aryl group or a heterocyclic group; and Q represents an atomic group necessary for forming a 5-membered hetero ring together with N and X,

wherein the heterocyclic compound is a polymer comprising a repeating unit represented by formula (E):



wherein  $\text{Ar}^E$  represents an arylene group or a divalent heterocyclic group;  $\text{R}^{E1}$  and  $\text{R}^{E2}$  each independently represent a hydrogen atom or a substituent;  $n^E$  and  $m^E$  each independently represent an integer of 0 to 5; and  $n'$  represents 0 or 1.

10. (original): The light-emitting device according to claim 9, wherein the substituent is a group selected from the group consisting of an alkyl group, an alkenyl group, an alkynyl group, an aryl group, an alkoxy group, an aryloxy group, an acyl group, a halogen atom, a cyano group, a heterocyclic group, and a silyl group.

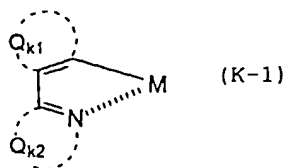
11. (original): The light-emitting device according to claim 3, wherein the ortho-metalated metal complex is an iridium complex.

12. (previously presented): The light-emitting device according to claim 6, wherein the organic compound layers further comprise a polymer.

13. (previously presented): The light-emitting device according to claim 35, wherein the phosphorescent compound has a phosphorescence quantum yield at room temperature of at least 25%.

14. (original): The light-emitting device according to claim 3, wherein the ortho-metalated metal complex contains 5 to 100 carbon atoms.

15. (original): The light-emitting device according to claim 3, wherein the ortho-metalated metal complex is a compound having a partial structure represented by formula (K-1):



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wherein M represents a transition metal;  $Q_{k1}$  represents an atomic group necessary for forming a 5- or 6-membered aromatic ring; and  $Q_{k2}$  represents an atomic group necessary for forming a 5- or 6-membered aromatic azole ring;

or tautomer of the compound.

16-20. (canceled).

21. (currently amended): The ~~light-emitting device polymer~~ according to claim 5, wherein  $n^D$  of formula (D-I) is 0 or 1.

22. (currently amended): The ~~light-emitting device polymer~~ according to claim 5, wherein  $m^D$  of formula (D-I) is 0 or 1.

23. (currently amended): The ~~light-emitting device polymer~~ according to claim 22, wherein  $m^D$  of formula (D-I) is 1.

24. (currently amended): The ~~light-emitting device polymer~~ according to claim 5, wherein  $R^{D1}$  and  $R^{D2}$  each independently represents a hydrogen atom, an alkyl group, an aryl group or an aromatic heterocyclic group.

25. (currently amended): The ~~light-emitting device polymer~~ according to claim 24, wherein  $R^{D1}$  and  $R^{D2}$  each independently represents a hydrogen atom or an alkyl group.

26. (currently amended): The ~~light-emitting device polymer~~ according to claim 25, wherein  $R^{D1}$  and  $R^{D2}$  represent a hydrogen atom.

27. (canceled).

28. (previously presented): The light-emitting device according to claim 6, wherein  $m'$  of formula (D) is 1.

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29. (previously presented): The light-emitting device according to claim 6, wherein  $n^D$  of formula (D-I) is 0 or 1.

30. (previously presented): The light-emitting device according to claim 6, wherein  $m^D$  of formula (D-I) is 0 or 1.

31. (previously presented): The light-emitting device according to claim 30, wherein  $m^D$  of formula (D-I) is 1.

32. (previously presented): The light-emitting device according to claim 6, wherein  $R^{D1}$  and  $R^{D2}$  each independently represents a hydrogen atom, an alkyl group, an aryl group or an aromatic heterocyclic group.

33. (previously presented): The light-emitting device according to claim 32, wherein  $R^{D1}$  and  $R^{D2}$  each independently represents a hydrogen atom or an alkyl group.

34. (previously presented): The light-emitting device according to claim 33, wherein  $R^{D1}$  and  $R^{D2}$  represent a hydrogen atom.

35. (previously presented): The light-emitting device according to claim 6, wherein the at least one of the organic compound layers further comprises a phosphorescent compound.

36. (canceled).

37. (currently amended): The light-emitting device according to claim ~~36~~9, wherein the phosphorescent compound is an organic metal complex.

38. (currently amended): The light-emitting device according to claim ~~6~~37, wherein the organic metal complex is an ortho-metalated metal complex.